

## South Carolina Governor's School For Science and Mathematics

### SCHOOL PERFORMANCE

	ABSOLUTE RATING	IMPROVEMENT RATING
2000-2001	EXCELLENT	NA
2001-2002	EXCELLENT	EXCELLENT

### PERFORMANCE

	Data
Advanced placement (AP) Pass Rate	90.9%
Graduates' College Freshman GPA (In-state Colleges)	3.56
SAT Average (High Verbal/High Math)	1359

### AP Test Score Distribution

Score	5	4	3	2	1	Total
# of students (%)	61(29%)	72(34%)	57(27%)	17(8%)	2(1%)	209(100%)

### College Freshman GPA

GPA	3.5-4.0	3.3-3.5	3.1-3.3	2.9-3.1	<2.9	Total
# of Students (%)	16(59%)	4(15%)	3(11%)	3(11%)	1(4%)	27(100%)

### SAT Scores

	Middle 50%	Range
SAT Verbal	620 740	520 800
SAT Math	640 730	520 800

### A Special Note on Performance

Every student at Governor's School completes a research course requirement that is a distinctive learning and maturing experience. Senior research begins with at least six full weeks of research in the summer following the junior year. Most of the students conduct their research at university or industrial research facilities under the mentorship of professional scientists or engineers. Students work with their research mentors and Governor's School advisors during the senior year to compile and analyze their research findings, prepare formal research papers, and present their work at a school-sponsored colloquium and at the SC Junior Academy of Science annual meeting.

## SCHOOL PROFILE BASED ON THE 2001-2002 YEAR

### INDICATORS OF SCHOOL PERFORMANCE

	This School	Change from Last Year
<b>School</b>		
❖ Dollars spent per student	\$18,589	Down from \$19,430
❖ Student-teacher ratio	10 to 1	Same
❖ Prime instructional time	95.6%	Down 0.3%
<b>Students</b>		
❖ National Achievement Semifinalists/Finalists	29%/29%	NR
❖ Seniors Completing Science Research Project	100%	Same
❖ Community Service-hr./student	83	Same
❖ Attendance rate	98.1%	Up from 97.7%
❖ Retention rate	0	Same
❖ Graduating attending college	100%	Same
❖ Seniors eligible for LIFE Scholarship	98.4%	Down 1.6%
❖ Total scholarship offered	\$7,609,382	Up from \$6,825,000
❖ Number of seniors	63	Up from 60
❖ National Merit Semifinalists/Finalists	18%/18%	NR
<b>Teachers</b>		
❖ Professional development days per teacher	6	Same
❖ Attendance rate	97.5%	Down 0.7%
❖ Advanced degrees	100%	Same
❖ Teachers with Doctorates	72%	Up from 57%
❖ Out-of field permits	NA	Same
❖ Average salary	\$48,115	Up from \$44,675
❖ Years teaching experience-middle 50%	9 to 28	Up from 7 to 27
❖ Returning from the previous school year	86%	Down from 93%
<b>SCHOOL FACTS</b>		
<b>School</b>		
❖ Annual Dropout Rate	NA	Same
❖ Spent on teacher salaries	31.2%	Up 1.1%
❖ President's years at the school	1	Up from 0
❖ Parents attending conferences	55.7%	Up from 54.5%
❖ Opportunities in the arts	NA	Same
❖ University/Industrial Partners in Research Mentor Program	20	Down from 22
❖ Mentors in Research Program	83	Down from 85
<b>Students</b>		
❖ Older than usual for grade	0	Same
❖ Suspended or expelled	NA	Same
❖ Disabilities other than speech	0	Same
❖ Students in residence	125	Down from 127
❖ Student clubs and organizations	38	Up from 32
❖ Students active in clubs/organizations	100%	Same
❖ Varsity sports teams	9	Up from 8
❖ Students participating in varsity sports	74%	Up from 68%
❖ Students returning to home high school	3.9%	Down from 5.5%
<b>Outreach to other schools:</b>		
❖ High school units by Distance Learning	94	Up from 85
❖ High schools participating in Distance Learning	14	Down from 20
❖ Middle school students in Saturday Academies	371	Down from 531
❖ Students in Summer Science Program (SSP)	296	Up from 294
❖ University Partners in SSP	11	Same
❖ Six-week summer research positions for other HS	30	Same





### PRESIDENT'S NARRATIVE REPORT

The second year of annual report cards finds GSSM continuing to provide a center of excellence in science, mathematics and technology education, including a strong humanities program, in spite of the significant financial challenges facing education in South Carolina this year. Our curriculum is second to none in the state in its scope, depth, and challenge and comparable to any available nationally. As you will note in reviewing the report card data, GSSM continues to perform at the highest levels in both our Residential and Outreach programs, with minor variations year-to-year. As we move to the future, we intend to continue this exemplary performance and simultaneously to explore new directions.

The significant achievements of the students in residence in Hartsville (1359 average SAT, \$7.6 million in scholarships awarded to our 63 seniors) will be buttressed by increased attention to ethical issues in society, in science and in business through formal coursework and seminars by prominent state leaders.

Appropriate emphasis on extracurricular activities for all students (74% participated in varsity sports) continues to pay dividends in school spirit. We enjoy testing ourselves in state and national competitions. Our Math Team improved to sixth place in the national calculus competition, the soccer and tennis teams advanced to the state Division IA playoffs, the top two girl mile runners in Division IA were GSSM students, and the Chess Club won the state championship for the seventh time in ten years.

While continuing existing highly successful programs, the Outreach team expects to create new offerings in professional development for teachers and SAT preparation as well as to explore web-based instruction.

Construction of our new campus in Hartsville is on time and on budget for occupancy in fall '03. When funds permit, we will enter a new phase of growth, doubling our enrollment and revamping our curriculum in advanced technology.

While state revenue shortfalls and resulting budget cuts have created significant difficulties, GSSM is meeting its mission to provide excellence in education for South Carolina, emphasizing science, mathematics and technology.

Murray W. Brockman, President

### EVALUATIONS BY TEACHERS, STUDENTS, PARENTS

	Teachers (N=16)	Students (N=0)	Parents (N=28)
Satisfied with learning environment	100.0%	NR	100.0%
Satisfied with social and physical environment	93.8%	NR	89.3%
Satisfied with home-school relations	100.0%	NR	92.8%

### DEFINITIONS OF SCHOOL RATING TERMS

**Excellent** – School performance is substantially exceeding the standards for progress toward the 2010 SC Performance Goal.

**Good** – School is exceeding the standards for progress toward the 2010 SC Performance Goal

**Average** – School is successfully meeting the standards for progress toward the 2010 SC Performance Goal.

**Below Average** – School is in jeopardy of not meeting the standards for progress toward the 2010 SC Performance Goal.

**Unsatisfactory** – School is failing to meet the standards for progress toward the 2010 SC Performance Goal.

## South Carolina Governor's School for Science and Mathematics

306 East Home Avenue  
Hartsville, SC 29550



**GRADES** 11 - 12  
**ENROLLMENT** 125

**PRESIDENT**  
Dr. Murray W. Brockman (843) 383-3900

**CHAIRMAN, BOARD OF TRUSTEES**  
Dr. Leroy Davis (803) 533-1849

## THE STATE OF SOUTH CAROLINA

**Annual School  
Report Card**

**2002**

**Absolute Rating: EXCELLENT**

**Improvement Rating: EXCELLENT**

### South Carolina Performance Goal:

By 2010, South Carolina's student achievement will be ranked in the top half of the states nationally. To achieve this goal, we must become one of the five fastest improving systems in the country.

For additional information about the SC Goal, contact:  
The SC Education Oversight Committee: 803-734-6148  
or visit website [www.sceoc.org](http://www.sceoc.org)  
The State Department of Education: 803-734-8500  
or visit website [www.myschools.com](http://www.myschools.com)